

# OPINIONS AND DECLARATIONS RENDERED BY THE INTER- NATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

*Edited by*

**FRANCIS HEMMING, C.M.G., C.B.E.**

Secretary to the Commission

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## OPINION 446

Addition to the *Official List of Generic Names in Zoology*  
of the generic name *Phorodon* Passerini, 1860 (Class  
Insecta, Order Hemiptera)

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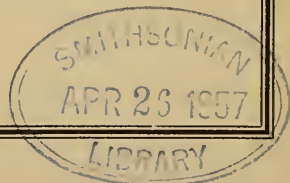
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# INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

## COMPOSITION AT THE TIME OF THE ADOPTION OF THE RULING GIVEN IN OPINION 446

### A. The Officers of the Commission

*Honorary Life President* : Dr. Karl JORDAN (*British Museum (Natural History), Zoological Museum, Tring, Herts, England*)

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*President* : Professor James Chester BRADLEY (*Cornell University, Ithaca, N.Y., U.S.A.*)  
(12th August 1953)

*Vice-President* : Senhor Dr. Afranio do AMARAL (*Sao Paulo, Brazil*) (12th August 1953)

*Secretary* : Mr. Francis HEMMING (*London, England*) (27th July 1948)

### B. The Members of the Commission

(Arranged in order of precedence by reference to date of election or of most recent re-election as prescribed by the International Congress of Zoology)

- Professor H. BOSCHMA (*Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands*) (1st January 1947)  
Senor Dr. Angel CABRERA (*La Plata, Argentina*) (27th July 1948)  
Mr. Francis HEMMING (*London, England*) (27th July 1948) (*Secretary*)  
Dr. Henning LEMCHE (*Universitetets Zoologiske Museum, Copenhagen, Denmark*) (27th July 1948)  
Professor Teiso ESAKI (*Kyushu University, Fukuoka, Japan*) (17th April 1950)  
Professor Pierre BONNET (*Université de Toulouse, France*) (9th June 1950)  
Mr. Norman Denbigh RILEY (*British Museum (Natural History), London*) (9th June 1950)  
Professor Tadeusz JACZEWSKI (*Institute of Zoology, Polish Academy of Sciences, Warsaw, Poland*) (15th June 1950)  
Professor Robert MERTENS (*Natur-Museum u. Forschungs-Institut Senckenberg, Frankfurt a.M., Germany*) (5th July 1950)  
Professor Erich Martin HERING (*Zoologisches Museum der Humboldt-Universität zu Berlin, Germany*) (5th July 1950)  
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Professor J. Chester BRADLEY (*Cornell University, Ithaca, N.Y., U.S.A.*) (12th August 1953) (*President*)  
Professor Harold E. VOKES (*Johns Hopkins University, Baltimore, Maryland, U.S.A.*) (12th August 1953)  
Professor Béla HANKÓ (*Mezőgazdasági Múzeum, Budapest, Hungary*) (12th August 1953)  
Dr. Norman R. STOLL (*Rockefeller Institute for Medical Research, New York, N.Y., U.S.A.*) (12th August 1953)  
Mr. P. C. SYLVESTER-BRADLEY (*Sheffield University, Sheffield, England*) (12th August 1953)  
Dr. L. B. HOLTHUIS (*Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands*) (12th August 1953)  
Dr. K. H. L. KEY (*Commonwealth Scientific and Industrial Research Organisation, Canberra, A.C.T., Australia*) (15th October 1954)  
Dr. Alden H. MILLER (*Museum of Vertebrate Zoology, University of California, U.S.A.*) (29th October 1954)  
Doc. Dr. Ferdinand PRANTL (*Národní Museum v Praze, Prague, Czechoslovakia*) (30th October 1954)  
Professor Dr. Wilhelm KÜHNELT (*Zoologisches Institut der Universität, Vienna, Austria*) (6th November 1954)  
Professor F. S. BODENHEIMER (*The Hebrew University, Jerusalem, Israel*) (11th November 1954)  
Professor Ernst MAYR (*Museum of Comparative Zoology at Harvard College, Cambridge, Massachusetts, U.S.A.*) (4th December 1954)  
Professor Enrico TORTONESE (*Museo di Storia Naturale "G. Doria," Genova, Italy*) (16th December 1954)

## OPINION 446

ADDITION TO THE "OFFICIAL LIST OF GENERIC  
NAMES IN ZOOLOGY" OF THE GENERIC NAME  
"PHORODON" PASSERINI, 1860 (CLASS INSECTA,  
ORDER HEMIPTERA)

**RULING** :—The under-mentioned generic name is hereby placed on the *Official List of Generic Names in Zoology* with the Name Number 1054 : *Phorodon* Passerini (gender : masculine), 1860 (type species by original designation : *Aphis humuli* Schrank, 1801) (Class Insecta, Order Hemiptera).

(2) The under-mentioned specific name is hereby placed on the *Official List of Specific Names in Zoology* with the Name Number 1127 : *humuli* Schrank, 1801, as published in the combination *Aphis humuli* (specific name of type species of *Phorodon* Passerini, 1860).

## I. THE STATEMENT OF THE CASE

In July 1949 Professor F. C. Hottes (*Grand Junction, Colorado, U.S.A.*) addressed to the Office of the Commission a preliminary communication proposing the definitive acceptance of the specific name *humuli* Schrank, 1801, as published in the combination *Aphis humuli*, as the oldest available name for the species so named. The action proposed was contingent upon the acceptance by the International Commission on Zoological Nomenclature of a suggestion put forward in another preliminary communication which Professor Hottes had addressed to the Office of the Commission in May of the same year that the specific name *pruni* Geoffroy, 1762, as published in the combination *Aphis pruni*, should be validated by the Commission under its Plenary Powers. It was not possible at that time to proceed immediately with either of these proposals, it being necessary to await the publication of the Official Record of the Proceedings of the International Commission at its Session held in Paris in 1948, at which decisions had been taken as to the status of the work (*Histoire abrégée des Insectes qui se trouvent aux Environs de Paris*) in which the specific name *pruni* Geoffroy, 1762, had first been published and at which certain General Directives had been issued to the Commission by the Thirteenth International Congress of Zoology on questions relating to the procedure to be followed by it in dealing with applications relating to individual names. The publication in 1950 of the Official Record of the Paris Proceedings made it possible to make a start with the required revision of applications then awaiting attention and, in the two cases here under discussion, to prepare the requisite formal applications in regard to the matters raised in the preliminary communications in regard to those cases which, as explained above, had been addressed to the Office of the Commission by Professor Hottes in July and May respectively of the previous year. The necessary applications in regard to both cases were submitted to the International Commission on Zoological Nomenclature by Professor Hottes on 21st July 1951. Professor Hottes' application for the validation of the specific name *pruni* Geoffroy, 1762, as published in the combination *Aphis pruni*, has been reproduced in *Opinion 397* (1956, *Ops. Decls. int. Comm. zool. Nomencl.* **12** : 363—376) ; his application in regard to the specific name

*humuli* Schrank, 1801, as published in the combination *Aphis humuli*, was as follows :—

Proposed addition of the name “Phorodon” Passerini, 1860 (Class Insecta, Order Hemiptera), to the “Official List of Generic Names in Zoology” and of “*humuli*” Schrank, 1801, as published in the combination “*Aphis humuli*”, to the “Official List of Specific Names in Zoology”

By F. C. HOTTES

(Grand Junction, Colorado, U.S.A.)

The object of the present application is to ask the International Commission on Zoological Nomenclature to place the generic name *Phorodon* Passerini, 1860 (Class Insecta, Order Hemiptera) on the *Official List of Generic Names in Zoology* and the specific name *humuli* Schrank, 1801, as published in the combination *Aphis humuli*, the specific name of the type species of the foregoing genus, on the *Official List of Specific Names in Zoology*.

2. The generic name *Phorodon* Passerini, 1860 (*Gli Afidi* : 227) was published in a key of genera, in which the genus so named was characterised. Passerini designated *Aphis humuli* Schrank, 1801 (*Faun. boic.* 2(1) : 110) as the type species of this genus, using the formula : “*Specie typica Aphis Humuli* Schk.”.

3. It is accepted by specialists that the nominal species *Aphis humuli* Schrank, 1801, and the nominal species *Aphis pruni* Scopoli, 1763 (*Ent. carniol.* : 138) represent the same taxonomic species and therefore that, if the specific name *pruni* Scopoli, 1763, was an available name, it would be subjectively the oldest available name for this species and would therefore be its valid name. Hitherto, however, the name *Aphis pruni* Scopoli, 1763, has been treated as a junior primary homonym of the name *Aphis pruni* Geoffroy, 1762 (*Hist. abreg. Ins. Paris* 2 : 497).

4. In a preceding application (Z.N.(S.) 428) I have drawn attention to the fact that, under the general decision taken by the International Commission in Paris in 1948 regarding the status of names published by Geoffroy in 1762 in his *Histoire abrégée des Insectes qui se trouvent aux Environs de Paris* (1950, *Bull. zool. Nomencl.* 4 : 366—369), the specific name *pruni* Geoffroy, 1762, as published in the combination *Aphis pruni*, is seen not to be an available name. At the same time I have availed myself of the invitation extended by the International Commission, when giving the foregoing ruling, to submit an application that it should use its Plenary Powers to validate the specific name *pruni* Geoffroy, 1762, in order to avoid the confusion regarding the name of the Mealy Plum Aphid which (as I there explain) would

otherwise be unavoidable. On the grant of the foregoing application, the name *Aphis pruni* Scopoli, 1763, would definitely become what it has hitherto been treated as being, namely an invalid junior homonym of the name *Aphis pruni* Geoffroy, 1762. A further result would be that the specific name *humuli* Schrank, 1801, as published in the combination *Aphis humuli*, the specific name of the type species of *Phorodon* Passerini, 1860, would become the oldest name available subjectively as well as objectively for that species.

5. There is at present no family-group name based on the generic name *Phorodon* Passerini, 1860, currently in use.

6. In the light of the considerations advanced in the present application, I hereby request that, consequentially upon the grant of the application Z.N.(S.) 428<sup>1</sup> submitted in regard to the specific name *pruni* Geoffroy, 1762, as published in the combination *Aphis pruni*, the International Commission should also :—

- (1) place the generic name *Phorodon* Passerini, 1860 (gender of generic name : masculine) (type species, by original designation : *Aphis humuli* Schrank, 1801) on the *Official List of Generic Names in Zoology* ;
- (2) place the specific name *humuli* Schrank, 1801, as published in the combination *Aphis humuli* (specific name of type species of *Phorodon* Passerini, 1860), on the *Official List of Specific Names in Zoology* ;
- (3) place the specific name *pruni* Scopoli, 1763, as published in the combination *Aphis pruni* (a junior primary homonym of *Aphis pruni* Geoffroy, 1762, when validated under the Plenary Powers, as proposed in application Z.N.(S.) 428<sup>1</sup>), on the *Official Index of Rejected and Invalid Specific Names in Zoology*.

## II. THE SUBSEQUENT HISTORY OF THE CASE

**2. Registration of the present application :** Upon the receipt in 1949 of the preliminary communication from Professor Hottes

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<sup>1</sup> The proposal here referred to was approved by the International Commission in its vote on Voting Paper V.P.(54)87 and the decision so taken has since been embodied in *Opinion* 397. See also paragraph 7 of the present *Opinion*.

referred to in paragraph 1 above, the question of the acceptance of the specific name *humuli* Schrank, 1801, as published in the combination *Aphis humuli*, as the oldest available name for the species so named was allotted the Registered Number Z.N.(S.) 430.

**3. Publication of the present application :** Professor Hottes' application for the validation of the specific name *pruni* Geoffroy, 1762, was sent to the printer in November 1952 but for the reasons explained in *Opinion* 397 was not actually published until May 1954 (Hottes, 1954, *Bull. zool. Nomencl.* **9** : 163—165). It would have been possible to send to the printer, and to publish, the application relating to the specific name *humuli*, 1801, as published in the combination *Aphis humuli*, at the same time as Professor Hottes' application relating to the specific name *pruni* Geoffroy, but, as the application in regard to the specific name *humuli* Schrank presupposed that a decision had already been taken by the International Commission in regard to the proposed validation of the specific name *pruni* Geoffroy, it was judged better to allow an interval to elapse after the publication of the application relating to the name *pruni* Geoffroy before arranging for the publication of the application relating to the name *humuli* Schrank. Accordingly, it was not until 31st December 1954 that the present application was sent to the printer. Publication took place on 28th February 1955 when the present application appeared in Part 3 of Volume 11 of the *Bulletin of Zoological Nomenclature* (Hottes, 1955, *Bull. zool. Nomencl.* **11** : 97—98).

**4. Support received from Miriam A. Palmer (Colorado Agricultural and Mechanical College, Port Collins, Colorado, U.S.A.) :** The publication of Professor Hottes' application in the present case elicited the following note of support dated 4th May 1955 from Professor Miriam A. Palmer (*Colorado Agricultural and Mechanical College, Port Collins, Colorado, U.S.A.*) (Palmer, 1955, *Bull. zool. Nomencl.* **11** : 267) :—

I wish to express my approval of the action proposed in application Z.N.(S.) 430 (*Phorodon* and *humuli*) by F. C. Hottes.

I hope that the International Commission will act favorably on this application.

**5. No objection received :** No objection to the action proposed in the present case has been received from any source.

### III. THE DECISION TAKEN BY THE INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

**6. Issue of Voting Paper V.P.(55)27 :** On 22nd November 1955, a Voting Paper (V.P.(55)27) was issued in which the Members of the Commission were invited to vote either for, or against, "the proposal relating to the generic name *Phorodon* Passerini, 1860, as set out in Points (1) to (3) in paragraph 6 on page 98 of Volume 11 of the *Bulletin of Zoological Nomenclature*" [i.e. in the Points numbered as above in paragraph 6 of the application reproduced in the first paragraph of the present *Opinion*].

**7. Withdrawal from the scope of Voting Paper V.P.(55)27 of the proposal submitted therewith for the addition to the "Official Index of Rejected and Invalid Specific Names in Zoology" of the specific name "pruni" Scopoli, 1763, as published in the combination "Aphis pruni" :** On 30th November 1955 Mr. Hemming, as Secretary, executed the following Minute withdrawing from the scope of Voting Paper V.P.(55)27 the proposal submitted therewith for the addition to the *Official Index of Rejected and Invalid Specific Names in Zoology* of the specific name *pruni* Scopoli, 1763, as published in the combination *Aphis pruni*, having regard



to the fact that the action so proposed had already been taken by the Commission in its vote on Voting Paper V.P.(54)87<sup>2</sup> :—

**Withdrawal from the scope of Voting Paper V.P.(55)27 of the proposal submitted therewith in relation to the specific name “*pruni*” Scopoli, 1763, as published in the combination “*Aphis pruni*”**

By FRANCIS HEMMING, C.M.G., C.B.E.

(*Secretary to the International Commission on Zoological Nomenclature*)

On having occasion today to examine the File (Z.N.(S.) 428) containing the papers concerned with the application submitted by Professor F. C. Hottes regarding the proposed validation under the Plenary Powers of the specific name *pruni* Geoffroy, 1762, as published in the combination *Aphis pruni*, I realised that in one respect the action taken by the International Commission in its vote on Voting Paper V.P.(54)87 in relation to that case has anticipated and rendered unnecessary one of the recommendations submitted by Professor Hottes in his application (Z.N.(S.) 430) respecting the generic name *Phorodon* Passerini, 1860, and the specific name *humuli* Schrank, 1801, as published in the combination *Aphis humuli*, which forms the subject of the vote now in progress on Voting Paper V.P.(55)27.

2. The situation so disclosed has arisen in the following way. In his application regarding the specific name *pruni* Geoffroy, 1762, Professor Hottes did not include a proposal for the addition to the *Official Index of Rejected and Invalid Specific Names in Zoology* of the specific name *pruni* Scopoli, 1763, action in that sense having been included in the application which he had submitted in relation to the generic name *Phorodon* Passerini and the specific name *humuli* Schrank. In the course of the consideration by the Commission of the first of these applications, the view was taken, however, that it would be more convenient to deal with the name *pruni* Scopoli at the same time that its senior homonym *pruni* Geoffroy was validated under the Plenary Powers. In pursuance of this decision a proposal that the specific name *pruni* Scopoli, 1763, as published in the combination *Aphis pruni*, be placed on the *Official Index of Rejected and Invalid Specific Names in Zoology* was incorporated in the proposal submitted with Voting Paper V.P.(54)87, and this proposal, in common with other

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<sup>2</sup> See Footnote 1.

proposals submitted with that voting Paper, was approved by the vote taken by the Commission thereon.

3. In these circumstances the proposal that the specific name *pruni* Scopoli, 1763, as published in the combination *Aphis pruni*, should be placed on the *Official Index* which appeared as Point (3) in paragraph 6 of Professor Hottes' application regarding the generic name *Phorodon* Passerini and the specific name *humuli* Schrank, 1801, as published in the combination *Aphis humuli*, is no longer required, the desired action having already been taken by the Commission's vote on Voting Paper V.P.(54)87. Accordingly, as Secretary I hereby withdraw the foregoing proposal from the scope of Voting Paper V.P.(55)27.

**8. The Prescribed Voting Period :** As the foregoing Voting Paper was issued under the Three-Month Rule, the Prescribed Voting Period closed on 22nd February 1956.

**9. Particulars of the Voting on Voting Paper V.P.(55)27 :** At the close of the Prescribed Voting Period, the state of the voting on Voting Paper V.P.(55)27, other than on the question withdrawn from the scope of that Voting Paper by the Minute executed by the Secretary on 30th November 1955 (the text of which has been reproduced in paragraph 7 of the present *Opinion*) was as follows :—

(a) *Affirmative Votes had been given by the following twenty-four (24) Commissioners (arranged in the order in which Votes were received) :*

Holthuis ; Hering ; Riley ; Vokes ; Mayr ; Jaczewski ; Lemche ; Prantl ; Dymond ; Esaki ; do Amaral ; Hankó ; Key ; Boschma ; Sylvester-Bradley ; Mertens ; Cabrera ; Bonnet ; Miller ; Tortonese ; Kühnelt ; Bradley (J.C.) ; Stoll ; Hemming ;

(b) *Negative Votes, one (1) :*

Bodenheimer ;

(c) *Voting Papers not returned* :

None.

**10. Declaration of Result of Vote :** On 23rd February 1956, Mr. Hemming, Secretary to the International Commission, acting as Returning Officer for the Vote taken on Voting Paper V.P.(55) 27, signed a Certificate that the Votes cast were as set out in paragraph 9 above and declaring that the proposal submitted in the foregoing Voting Paper had been duly adopted and that the decision so taken was the decision of the International Commission in the matter aforesaid.

**11. Preparation of the Ruling given in the present " Opinion " :** On 10th November 1956 Mr. Hemming prepared the Ruling given in the present *Opinion* and at the same time signed a Certificate that the terms of that Ruling were in complete accord with those of the proposal approved by the International Commission in its Vote on Voting Paper V.P.(55)27.

**12. Original References :** The following are the original references for the names placed on *Official Lists* by the Ruling given in the present *Opinion* :—

*humuli*, Aphis, Schrank, 1801, *Fauna boic.* 2(1) : 110

*Phorodon* Passerini, 1860, *Gli Afidi* : 227

**13.** The prescribed procedures were duly complied with by the International Commission on Zoological Nomenclature in dealing with the present case, and the present *Opinion* is accordingly hereby rendered in the name of the said International Commission by the under-signed Francis Hemming, Secretary to the International Commission on Zoological Nomenclature, in virtue of all and every the powers conferred upon him in that behalf.

14. The present *Opinion* shall be known as *Opinion* Four Hundred and Forty-Six (446) of the International Commission on Zoological Nomenclature.

DONE in London, this tenth day of November, Nineteen Hundred and Fifty-Six.

*Secretary to the International Commission  
on Zoological Nomenclature*

**FRANCIS HEMMING**